

A New Analytical Method of Determining Protoactinium,
by I. E. Starik, A. P. Ratner, M. S. Pasvik and L. D.
Sheidina, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol. XII, No 1, 1957,
pp 87-91.

Consultants Bureau

Sci - Chem

Aug 58

71,780

The Methods Permitting the Establishment of the
Mechanism of the Coprecipitation of Radioelements
with Slightly Soluble Salts, by A. P. Ratner, 10 pp.

RUSSIAN, to FRENCH, per, Zhur Obukhevi Khim, Vol XXVI,
1956, pp 949-951.

Reverse Translation
CEA-Tr-R-626

Jun 59

Determination of Plutonium-Uranium Ratio in
Uranium Pitch Ore, by I. B. Starik, A. P. Ratner,
M. A. Pavlik, 7 pp.

RUSSIAN, per, Geokhimiya, No 2, 1957, pp 142-146.
9093714

AEC Tr-4820

Sci - Chem
Dec 61

177,420

AEC-tr-4498(p.168-75) Unc1.

COLLOIDAL SOLUTIONS OF RADIOELEMENTS.
A. P. Ratner, N. G. Rozovskaya, and V.
Gohkman: Translated from Trudy Radioevogo
Inst. im. V. G. Khlopina, 5: No. 2,
148-54(1957).

C-4 P NSA

N-5

Thermodynamics of the System Potassium Chloride-
rubidium Chloride-water at 25°C. II, by A. P. RATNER,
L. L. MAKAROV, 3 pp.

RUSSIAN, *Dokl. Akad. Nauk SSSR*, Vol XXXIV, No 11, 1960,
pp 2495 - 2502.

Cleaver-Hume Press

Sci

165,509

Aug 61

Methods of Establishing the Mechanism of the Co-
precipitates of Highly Difficultly Soluble Salts,
A. P. Batner, 4 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI, No 4,
Apr 1956, pp 949-951.

Sci - Chemistry
Feb 1956 GRS/dax

Consultants Bureau

48,633

The Twentieth Anniversary of the Discovery of
Artificial Radioactivity, by A. P. Batner, 4 pp.

Full tr

✓
RUSSIAN, as per, Zhur Obshch Khim, Vol XXIV, No 11,
1954, pp 1897-1900. CIA 542761-C, reel 3.

Consultants Bureau

Scientific - Chemistry

37,717

Aug 56 CTS

Ratner, A. V. and Kagan, D. Ya.
INVESTIGATING CORROSIVE ACTION IN PACKINGS.
[1961]
Order from FT \$11.75 FT-612

Trans. of Teploenergetika (USSR) 1961 [v. 8] no. 5,
p. 35-39.

DESCRIPTORS: *Gasket, *Hydraulic seals,
*Pneumatic packing, Corrosion, Corrosion research.

(Metallurgy--Corrosion, TT. v. 6, no. 10)

61-25415

I. Ratner, A. V.
II. Kagan, D. Ya.
III. FT-612
IV. Faraday Translations,
New York

Office of Technical Services

Ratner, A. V. and Aristov, M. Ya.
DESIGN OF SUPERHIGH-PRESSURE STEAM PIPING
FOR STRENGTH (Raschet Paroprovodov Sverkhvy-
sokogo Davleniya na Prochnost'). July 61 [12]p. 9 refs.
RTS-1846

Order from OTS or SLA \$1.60

61-27188

Trans. of Teploenergetika (USSR) 1960 [v. 7] no. 9,
p. 44-49.

DESCRIPTORS: *Steam pipes, Design, Tensile proper-
ties, *Stresses.

The paper describes an experimental determination of
the expansion forces and bending moments acting in
steam piping. It gives an improved method for the cal-
culation of piping for strength. (Author)

(Engineering--Mechanical, TT, v. 6, no. 7)

61-27188

I. Ratner, A. V.
II. Aristov, M. Ya.
III. RTS-1846
IV. Department of Scientific
and Industrial Research
(Gt. Brit.)

Office of Technical Services

An Investigation of the Effect of Alternating
Temperature Stresses on the Strength of Steels,
by A. V. Ratner, 15 pp.

RUSSIAN, per, Teploenergetika, Vol IV, No 10,
1957, pp 73-77.

SLA 60-13850

Sci

129,440

OTS, Vol IV, No 3

Oct 60

The Investigation of Turbine Materials for
Resistance to Scoring, by A. V. Ratner, V. N.
Gulyayev, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 6, 1958,
pp 770-773.

Instru Soc of Amer

Sci

Apr 60

113,345

Attachments for the Creep Testing of Metals
in Working Media, by V. H. Gulyayev, A. V. Batnori,

4 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 2,
1956, pp 226-228.

Instra Soc of Amer

Sci

Apr 60

113,264

Variation of the Contact Area in the Deformation
of Rubber Cylinders and Rings, by B. M. Gonchik,
M. N. Golubov, A. V. REBERN, 5 pp.

RUSSIAN, per. Kuchuk i Rezhim, Vol XX, No 1.
1961, pp 12-17.

RAPRA

Sci

171, 926

Oct 68

Choice of Materials for the Parts of High and
Super High Pressure Accessories Subjected to
Heat, by A. V. Ratner, L. O. Leonova.

RUSSIAN, per, Teploenergetika, Dec 1960,
pp. 14-18.

BISI 2065

Sci - Engr

Jan 61

154,558

10 492

US-4
US-5

A. V. RATNER

An investigation of the effect of alternating temperature stresses on the strength of steels

Teploenergetika (USSR), 4, No. 10, 73-77 (1957)

M977, \$ 3.30(ph), \$ 2.40 (mf), 60-13850 - English

E u r a t o m

On Some Ways of Increasing the Output of Moulded
Articles From Vulcanization Presses, by I. M.
Gorelik, A. V. Ratner.

RUSSIAN, per, Kauchuk i Rezina, Vol XVI,
No 1, 1 36-42.

CSIRO

Sci - Phys
Aug 62

211, 317

Study of the Compression of Circular Rubber Rings
and Cylinders, by B. M. Gorelik, M. F. Bukhina,
A. V. Ratner, 5 pp.

RUSSIAN, per, Kauchuk i Rezina, Vol XIX, No 2,
1960, pp 23-27.

Res Assoc British Rubber Manu

Sci
Sep 60

126,282

Steel for Fastenings in Steam-Power Plant
Operating at 140 Atms (2000 Psi) and 570°C
(1060°F), by A. V. Ratner, A. S. Panicheva.

RUSSIAN, per, Metal Termicheskaya Obra. Metollov,
No 3, 1959, pp 28-32. LIA 9074044

HB 4541

Sci - Eng

Dec 59

104,336

Determination of Steam Humidity at High Pressures,
by A. V. Ratner, V. G. Zelenskiy. UNCL

RUSSIAN, per, Teploenergetika, Vol V, No 5,
1958, pp 44-46.

DSIR LNU HYS 1082

7s. 61.

Sci - Eng
Aug 59

94, 831

Charged-Particle Accelerators, by B. S. Ratner,
114 pp.

RUSSIAN, bk, Uskoriteli Zaryazhennykh Chastits,
Moscow, 1960, pp 1-112. 9680265

FTD-TT-62-957

Sci-Phys
Apr 63

226,749

Bergman to Bureau

Delayed Neutrons Which Accompany Photofission of
Uranium and Thorium, by L. E. Lazareva, B. S.
Futner, I. V. Shtranih, 6 pp.

RUSSIAN, no par, Zhur Eksp 1 Teoret Fiz, Vol
XXIX, No 3, 1955, pp 274-279.

American Inst of Physics
Soviet Physics, Vol II, No 2

43,821

Sci - Physics
Feb 57 CFB

Investigation of the (γ p) Reaction in Nickel,
by E. M. Leikin, R. M. Osokina, and B. S. Ratner,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CII, 1955,
pp 493-494.

AEC Tr 2306

Consultants Bureau

Sci - Nuclear Physic
Minerals/Metals
Chemistry
Physics

29,192

Photoprotectants From Cu⁶⁵; by N.V. Lankova, R.M.
Osolkina, R.S. Rabiner, R.Sh. Arifov, V.V. Arindinov.
7 pp.

RUSSIAN. per: Zhur Ekoper i Teoret Fiz: Vol
XIV, No 3, 1960, pp 780-789.

AIP
Sov Phys - JETP
Vol XI, No 3

Sci
Nov 60

132, 831

Investigation of the (γ, p) Reaction in Zinc, by
R. M. Osokina, B. S. Ratner, 6 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol
XXXII, No 1, Jan 1957, pp 20-26.

Amer Inst of Phys
Sov Phys, JETP
Vol V, No 1

Sci - Phys
Sep 57

52,609

Investigations of the (γ p) Reaction in Copper,
by E. M. Leikin, R. M. Osokina, B. S. Ratner,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CII, 1955,
pp 245-248.

AEC Tr 2305

Consultants Bureau

Sci - Nuclear Physics
Chemistry
Minerals/Metals
Physics

29,195

Stabilization of Electron Energies in a 30-Mev
Synchrotron, by M. V. Karpov, E. P. Ovchinnikov,
B. S. Retner, 6 pp.

RUSSIAN, per, Atomnaya Energiya, Vol II, No 2, 1957,
pp 140-145.

Consultants Bureau

Sci - Nuc Phy

Jun 58

65,017

Investigation of the (γ , p) Reaction at Energies
Under 30 Mev, by E. M. Leykin, R. M. Osokina,
B. S. Ratner, 1 p.

RUSSIAN, no per, Iz Ak Nauk, Ser Fiz, Vol XIX, No 5,
1955, p 607.

Columbia Tech Tr

Sci - Physics
Dec 56 GTS

44,803

Delayed Neutrons From Photofission of Uranium and
Thorium, by L. E. Lazareva, B. S. Ratner, I. V.
St Shtranikh, 8 pp.

RUSSIAN, per, Zhur Eksper i Teor Fiz, Vol XXIX,
No 3, 1955, pp 274.

A.E.R.E. Harwell Lib Tr 651
Sci Mus Lib 56/1160

Sci - Nuclear physics

39492

An Investigation of $\text{Sn}^{120} (\gamma, p)$ Reaction, by Kuo
Ch'i-Di, B. S. Ratner, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIX,
No 6 (12), 1960, pp 1578-1584.

AIF
Soviet Phys - JETP
Vol XII, No 6

Sci

Jul 61

160,207

Investigation of the Yield of the (γ, p)
Reaction on Different Cadmium Isotopes,
by Kuo Ch'i-ti, B. S. Ratner, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV,
No 4, 1959, pp 761-.

Amer List of Phys
Sov Phys - Doklady
Vol IV, No 2

Sci

Dec 59

101,840

Transformation of Externally Absorbed Amino Acids
in Corn Roots, by E. I. Ratner, S. F. Ukhina, 5 pp.

RUSSIAN, per, Fiziol Rastenii, Vol X, No 4, 1963,
pp 298-299.

CB

Sci
Apr 64

254,270

The Interrelations of Amino Acids on Their
Absorption by the Roots of Wheat, by E. I.
Ratner, Z. Besermen'y, 7 pp.

RUSSIAN, per, Fiz Rasteniy, Vol. VI, No 5,
1959, pp 537-543.

Amer Inst of Biol Sci

Sci

Apr 60

114,234

Some Features of the Assimilation of Substances
Through the Leaves After Foliar Application, by
G. V. Barinov, E. I. Ratner, 8 p.

RUSSIAN, per, Fiziolog Rasteniy, Vol VI, No 3,
1959, pp 321-332.

AIBS

Sci
Jan 60

106,033

Paths and Mechanism of Mineral Substance Movement
From Roots to Above-Ground Plant Organs as
Exemplified by P³² Transport, by E. I. Ratner,
T. A. Akimochkina, S. F. Ukhina, 9 pp.

RUSSIAN, per, Fiz Rasteniy, Vol VI, No 1,
1959, pp 3-12.

Amer Inst of Biol Sci

Sci - Biol

Sep 59

97,346

**Mineral Nutrition of Plants and Absorptive
Capacity of Soil, by E. I. Ratner, 114 pp.**

**RUSSIAN, bk, Mineral'noye Pitaniye Rasteniy i
Poglotitel' Sposobnost' Pochvy, Ak Nauk SSSR,
Ser Itogi i Problemy Sovrem Nauk, Moscow, 1955,
Table of Contents, Conclusions of Chap II-V,
Part of Chap IV, General Conclusions, 318 pp.
CIA 9007424**

USDA

42,381

Sci - Biology
Jan 57 CTS

Microdoses of Molybdenum in Grain Crops and Under-
planted Grasses in Connection with their
Productivity and Protein Metabolism, by E. I.
Rätner, I. A. Burkin, T. A. Akimochkina, 11 pp.

RUSSIAN, per, Fiz Rasteniy, Vol VI, No 2,
1959, pp 232-243.

Amer Inst of Biol Sci

Sci

Dec 59

103,930

the Leaves of Various Plants, by L. A. Rasteny, L. A. Burke
6 pp.

RUSSIAN, per, Fiziol Rasteniy, Vol VIII, No 6, 1961,
pp 707-714.

AIBS

Sci
Jan 64

246,762

The Effective Application of Microdoses of Molybdenum
in Combination With Granulated Superphosphate to
Increase the Productivity of Perennial Grasses, by
E. I. Retner, I. A. Burkin, 12, pp.

RUSSIAN, per, Fiz Rasteniy, Vol V, No 4, 1958,
pp 375-385.

Amer Inst of Biol Sci

Sci - Biol
Jul 59

91,527

Assimilation of Nucleic Acids by Plants and Extra-
cellular Phosphatase Activity of Roots, by E. I.
Ratner, S. A. Samoilova, 11 pp.

RUSSIAN, per, Fiz Rasteniy, Vol V, No 3, 1958,
pp 209-220.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91,589

Toward Preception of the Nature of the Effect of
Vitamins on Synthetic Activity of Roots with
Plant Assimilation of Mineral Nitrogen, by S. B. I.
Ratner, I. N. Dobrokhotova. 4 p p.

RUESTIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No5,
1958, pp 944-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91,998

The Role of Molybdenum and Vitamins in Assimilation
of Nitrate Nitrogen by Plants

By E.I. Ratner, T.A. Akimochkina, pp 9

RUSSIAN, per. Fiziol Rasteniy, Vol IX, No 6, pp 663-
673

CB

Sci

Oct 63

241-006

Importance of Molybdenum for Growth of Isolated
Alfalfa Roots in Relation to the Acidity and
Aluminum Content of the Medium

By E.I. ~~Patner~~, A.M. Smirnov, Huang Hung-shu,
pp 7

RUSSIAN, per. Fiziol Rasteniy, Vol IX, No 3, 1962.
pp 279-288

CB

Sci

240-953

Oct 63

Concerning the State of Potassium in Plant Tissues,
by E. I. Ratner, 7 pp. UNCLASSIFIED

RUSSIAN, Dok Ak Nauk, USSR, No 62, 1948.

QRP-313

Sci - Biology

May 52 CTS

A972.5

Threshold Sensitivity of Radiation Receivers,
by E. S. Ratner, 4 pp

RUSSIAN, per, Optika i Spektro, Vol IX, No 1,
1960, pp 101-107

OSA

150,173

DETERMINING Optimum Degrees of Compression 57
and Expansion in a Complex Gas Turbine
Installation, by P. Z. Latner, 13 pp.
RUSSIAN, per, Energosilaustroyeniye,
No 11, 1963, pp 11-14. 0607187
PT-AT-64-1073

Oct-1963
JAN 65

242,221

Experimental Investigation of the Hydraulic Resistance
of the Inlet of the Air-Cooling System of a Gas-
Turbine Rotor, by P. Z. Ratner, 13 pp.

RUSSIAN, per, Teploenergetika, 1963, pp 45-50.

CIA/VID XI-1462
No Foreign Dissem

Sci - Physics

Nov 63

USIB INTERNAL USE ONLY

242, 455

CSO-1878

From an Art to an Exact Science,
by G. Ratner. (AP)

RUSSIAN, np, Medit. Gazeta, 25 Sep 1964, p 3.

*JPRS

Sci - Med
Nov 64

WIDE OF PROPAGANDA ACTIVITY: ITS USE IN CON-
NECTION, BY G. BAKER, 5 PP.

RESEARCH, L.P. RESEARCH: MAYA GARCIA, NO 38,
19 MAR 1961, PP 2.

JUN 20 1960

1000
1000
1000

238,186

(NY-5672)

Application of Combined Prostheses in the Surgery
of Vessels, by G. L. ~~Ratner~~, 11 pp.

RUSSIAN, per, Khirurgiya, Vol XXXII, No 12, 1960,
pp 19-23.

JPRS 7859

Sci - Med

Apr 61

144,767

Elastic Repair of Vessels in Oncological Surgery,
by G. L. Ratner, 3 pp.

RUSSIAN, per, Voprosy Onkolog, Vol VII, No 8,
1961.

Elsevier Pub Co

Sci

Jul 62

205,498

Restorative Surgery in Wounds of the
Blood Vessels under Military Field
Conditions, by G. L. Ratner

RUSSIAN, no per, Voyenno Med Zhur,
No 10, Moscow, Oct 1958, pp 27-29

US JPRS 1166-N

Sci - Med

79,607

Jan 59

(NY-1374/24).

Methods of Restoring the Continuity of a Blood
Vessel in Battle Wounds, by G. L. Ratner, 6 pp.

RUSSIAN, per, Voenno-Med Zhur, No 7, 1959,
pp 32-35.

JPRS 2550

Sci - Med
May 60

117,529

Restoration of Patency of Esophagus in Inoperable
Tumors by Intubation, by G. L. Ratner, 3 pp.

RUSSIAN, per, Voprosy Onkolog, Vol VII, No 5,
1961,

Elsevier Pub. Co.

Sci

May 62

195,633

Stomach cancer developing after operative treatment for ulceration, by I. C. Anishchenko and G. L. Ratner, 3 pp.

RUSSIAN, per, Voprosy Onkologii, Vol IV, No 3, 1958, pp 312-315.

Pergamon Press

Sci

Dec 59

102,209

A Study of the Structure of Silver S Centers in
Photographic Emulsions, by I. M. ~~Ratner~~,
K. V. Chibisov, V. A. Kargin, 15 pp.

RUSSIAN, per, Zhur Nauchnoy i Prikl Fotografii i
Kinematografii, Vol IX, Jan/Feb 1957, pp 7-12.

CIA/FDD X-2640

Sci - Physics
Nov 57

54, 929
Sci Muskh
57/3252

Effect of a Gold or Platinum Salt on the Structure
of a Silver Particulate, by I. M. Ratner, 8 pp.

RUSSIAN, per, Trudy NIKFI, No 42, 1961, pp 60-65.

XI
CIA/PDD XX-1376
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

236,080

Effect of a Gold or Platinum Salt on the Structure
of a Silver Particulate, by I. M. Ratner, 8 pp.

RUSSIAN, per, Trudy NIKFI, No 42, 1961, pp 60-65.

XX
CIA/FDD XX-1376
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

236,080

Inert Metal Salt Effect on Variation in
Optical Fog Density Kinetics in the Process
of Chemical Maturation of Photographic
Emulsions, by I. M. Ratner, 15 pp.

RUSSIAN, Trudy, NIKFI, No 42, 1961,
pp 44-59.

CIA/FDD XX-1375
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

236,052

Inert Metal Salt Effect on Variation in
Optical Fog Density Kinetics in the Process
of Chemical Maturation of Photographic
Emulsions, by I. M. Ratner, 15 pp.

RUSSIAN, Trudy, NIKFI, No 42, 1961,
pp 44-59.

CIA/FDD XX-2375
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

236,052

Investigation of the Structure of Silver Sols, by
I. M. T Ratner, T. A. Koretskaya, V. A. Kargin, 4 pp.

RUSSIAN, bino per, Kolloid Zhur, Vol XVIII, No 4,
Jul/Aug 1957, pp 468,469. CIP 74-2214

Consultants Bureau

Sci - Physics
Jun 1957

48,387

Investigation of the Mechanism of Ripening of
Photographic Emulsions II. The Interrrelation
Between Light Sensitivity, Fog Growth and the
Formation of Silver During Ripening, by A. A.
Mikhaylova, I. M. Ratner, A. A. Titov, K. V.
Chibisov, 22 pp. ~~CONFIDENTIAL~~

RUSSIAN, no per, Zhur Fiz Khim, Vol XXVIII,
No 6, 1953, pp 866-877.

CIA/FDD X-2220

Sci - Physics
Nov 1956 CTS/dex

40,796

Dependence of Photographic Emulsion Properties Upon
the Conditions of the Recrystallization Process, by
K. V. Chibisov, I. M. Ratner, 7 pp. UNCLASSIFIED.

RUSSIAN; thrice-mo per, Dok Ak Nauk SSSR, Vol XC,
No 1, 1953, pp 71-73.

CIA/FDD/X 1411

17,737

Scientific - Physics

Formation of Internal Centers as a Result of the
Finishing Process of Photographic Emulsions, by K. V.
Chibisov, I. M. Ratner, 8 pp. UNCLASSIFIED.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIX,
No 2, 1953, pp 329-332.

CIA/FED/X-1416

Scientific - Physics

17,742

Relationship Between the Maximum Light Sensitivity
of Photographic Emulsion, Its Corresponding Fog
Density, and the Accumulation of $\frac{1}{2}$ Silver Halide
in Ripening, by I. M. Ratner, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LXXIV, No 4, 1952, pp 753-755.

CIA/FDD/X-1083

Scientific - Medicine CTS/DEX
Chemistry

5578

127
An Antisurge Regulator, by I. S. Ratner, 2 pp.
RUSSIAN. Patent 19185 (810160/24-6), Class 47E.
48, 02, pp 1-2. P100221966-V
PTD-ET-23-1117-67

I S Ratner
Sci/Prop & Fuels
Sept 68

366,625

The Use of Analog Computers in the Determination of
Transients in Systems Containing a Unit Described by
the Telegraph Equation, by I. S. Ratner, 7 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXIII, No 4,
1962, pp. 453-460.

Sci

ISA

Oct 62

215,995

A Study of Phasic Phenomena in Man in Normal and
Pathological States, by K. S. Ratner, 8 pp.

RUSSIAN, per, Zhur Vysshey Nerv Deyatel imeni
I. P. Pavlova, Vol XI, No 3, 1961, pp 415-
421.

PP

Sci

Jun 62

198,947

Some Features of the Motor Conditioned
Reactions to Verbal Stimuli in Man, by
K. S. Ratner, 7 pp.

RUSSIAN, per, Zhur Bysshev Nerv Deyatel
imeni I. P. Pavlova, Vol IX, No 4, 1959,
pp 508-515.

PP

Sci

192, 566

Feb 62

New Biological Methods for Identification of the
Virus Types of the Foot-and-Mouth Disease,
by L. S. Ratner, V. A. Sergeyev.

RUSSIAN, per, Trudy Vses Inst Eksper Vet, Vol XXV,
1961, pp 89-98. 9209759

USDA T: V-1798

Sci - Biol & Med Sci
Jul 63

236,235

Biological Method for Diagnosis of Types of Viruses
of Foot-and-Mouth Disease by Serums From Recon-
valescents, by L. S. Ratner, V. A. Sergeyev.

RUSSIAN, no per, Veterinariya, Vol XXXIV, No 2,
Feb 1957, pp 73-76. CIA 9010540

USDA

Sci - Medicine; Biology
Jul 57

49,011

Virucidal Effect of the Parotid Gland
on the Pathogen of Foot-and-Mouth Dis-
ease, by L. S. Ratner, 3 pp.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol
i Immunobiol, No 3, 1949, p 73.

SLA R-2407

Sci

Aug 58

72,279

Physico-Chemical Investigations of the Equine
Encephalomyelitis Virus, by L. S. Ratner.

RUSSIAN, per, Sovetskaya Veterinariya, Vol XIII,
No 9, 1936, pp 3-9.

USDA

24,062

Scientific - Biology

May 55 CRB/DEX

Results of Testing the Vley Anti-F&M Disease
Vaccine From the Virus Which Has Been Adapted
on Rabbits, by L. S. Ratner, V. N. Gribanov,
E. A. Sokolova, A. Ya. Kobyr.

RUSSIAN, no per, Veterinariya, Vol XXXII, No 1,
Jan 1955, pp 18-20.

USDA

Scientific - Medicine
CTS 72/Sep 1955

26,681

Physico-Chemical Investigations ^{of} ~~the~~ ^{Ch. 15}
The Virus of Equine Encephalomyelitis, by
L. S. Ratner.

^{Vol. XIII,}
RUSSIAN, per, Sovetskaya Veterinariya, No 7,
1936, pp 20-24.

USDA

Scientific - Biology May 55 CTS/DEK

24,063

Preparation of the All-Union Institute of
Experimental Veterinary Medicine for the All-
Union Agricultural Exhibit, by L. S. Ratner.

RUSSIAN, par, Sovetskaya Veterinariya, Vol XV,
No 6, ~~Aug~~ 1938, pp 8-11.

UEQA

24,069

Scientific - ~~Medicine~~

Biology

May 55 CTS/DEX

Study of the Infectiousness of Saliva in
Foot and Mouth Disease on the Basis of Physiol-
ogical Experiment, by L. S. Ratner, A. A.
Kudryavtsev, N. I. Leonov, D. P. Molchanov.

RUSSIAN, no per, Veterinariya, Vol XXIV, No 3,
Mar 1947, pp 28, 29.

UNDA

USER

Scientific - Medicine CTS 65/Feb 55

21,417

FUNDAMENTAL RESULTS OF SCIENTIFIC RESEARCH WORK
ON THE FOOT-AND-MOUTH DISEASE IN THE USSR,
BY L. S. RATNER,

RUSSIAN, PER, TRUDY VSES INST EKSPER VET, VOL XXIII,
1959, PP 245-256. 9090890

USDA TR V-1774

SCI - MED
AUG 62

208,164

Vacc Anti-Foot and Mouth Disease Vaccine and
Its Practical Use, by L. S. Ratner, V. N.
Gribanov.

RUSSIAN, per, Veterinariya, Vol XXXI, No 9,
Sep 1954, pp 33-38.

USDA

Scientific - Medicine

Jan 55 CTS/DEX

20,975

Concerning the Action of Trypsin on Biological
Properties of the Agent of Foot and Mouth
Disease, by L. S. Ratner, V. M. Gribov, 5 pp.

Full translation.

RUSSIAN, per, Trudy Vsesoyuznogo Instituta
Eksperimental'noy Veterinari, Vol XIX, No 1, 1952,
pp 129-131.

USDA Tr

Scientific - Medicine Aug 53 CTS/DEX

4779

Ratner, M. Y.

ON THE MECHANISM OF INCLUSION OF THE
KIDNEY IN THE PATHOGENESIS OF EXPERIMENTAL
NEUROGENIC HYPERTENSION; FORMATION
OF RENIN AFTER DENERVATION OF THE
KIDNEYS AND IN EXPERIMENTAL NEUROGENIC
HYPERTENSION. Preliminary Communication. [1961]
7p. (2 tables 1 fig. omitted) 5 refs.

Order from LC or SLA ml\$1.80, ph\$1.80 61-10872

Trans. of Byull[eten'] Eksp[erimental'noy] Biol[ogi]i
Med[itsiny] (USSR) 1954, v. 37, no. 7, p. 23-26.

(Biological Sciences--Pathology, TT. v. 5, no. 9)

61-10872

1. Hypertension--Physiological factors
2. Kidneys--Pathology
1. Ratner, M. Y.

Office of Technical Services

Mechanism of Renal Involvement in the Pathogenesis of Experimental Neurogenic Hypertension. Communication II. Correlation of Renal Circulation and Renal Renin Content in Experimental Neurogenic Hypertension and Following Denervation of the Kidneys, by M. Ya. Ratner, R. S. Eisenhardt, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIII, No 3, 1957, pp 43-47.

Consultants Bureau

Sci - Med

May 58

64,459

Ratner, N. A., Glezer, G. A., and Spivak, G. L.
ISMELIN (GUANETHIDINE) IN HYPERTENSION.
[1963] 15p. 11 refs. FASEB manuscript no. S 303-2.
Order from OTS or SLA \$1.60 63-23020

Trans. of Terapevticheski Arkhiv (USSR) 1962, v. 34,
no. 8, p. 102-109.

DESCRIPTORS: *Guanethidine, *Hypertension, Drugs,
Vasoactive agents.

Ismelin (guanethidine) possesses high hypotensive
activity and brings about a reduction in arterial pres-
sure. The hypotensive action of Ismelin is due mainly
to suppression of the sympathetic influences on the
heart and vessels, manifested by deceleration of the
heart rate and reduction of the venous pressure, and
reduction of peripheral resistance. The hypotensive
action of Ismelin is equal to or better than that of
(Biological Sciences--Pharmacology, TT, v. 10, no. 7)
(over)

63-23020

- I. Ratner, N. A.
- II. Glezer, G. A.
- III. Spivak, G. L.
- IV. FASEB S-303-2
- V. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

AE47612

Office of Technical Services

(NY-5337)

Symptomatic Renal Hypertension, by M. A. Ratner,
G. I. Spivak, 13 pp.

RUSSIAN, per, Terapevticheskiy Arkhiv, Vol XXXII,
No 9, 1960, pp 20-27.

JPRS 7600

Sci - Med

Feb 61

139, 268

Ratner, S. B., Stinskas, A. V., and
Shpakovskaya, E. I.
LONG-TIME STRENGTH OF PLASTICS. [1961] 11p.
Order from ATS \$16.85 ATS-24N55R

Trans. of Plasticheskie Massy (USSR) 1961, no. 7,
p. 59-65.

DESCRIPTORS: *Plastics, Physical properties.

(Materials--Plastics, TT, v. 6, no. 12)

61-25704

- I. Ratner, S. B.
- II. Stinskas, A. V.
- III. Shpakovskaya, E. I.
- IV. ATS-24N55R
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Law of Static Friction, by S. B. Ratner, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIII, No 3,
1952, pp 443-446.

CIA/FDD XX-651

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics
Sep 59

USIB INTERNAL USE ONLY

ORDER FROM IC OR SLA 59-15157

98,054

Effect of Decreasing Temperature on the Degree
of Radial Compression in Rubber Rings, by Yu. A.
Nosov, S. B. Ratner, 3 Pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 7,
1958, pp 1448-1451.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 7

Sci - Phys

Mar 59

83,092

Comparison of Friction and Electrical Conductivity
of Rubber, by S. B. Ratner et al.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 4,
1956, pp 853-856.

Co-Op Trans Sch Tr 314
\$1.12s.

Sci - Physics

OSIR Reading
Libr Unit M.123

44, 463

Study of the Abrasion Resistance of Rubber
Using Metal Mesh, by G. S. Klitenik, S. B.
Ratner, 5 pp.

RUSSIAN, per, Kauchuk i Rezina, Vol XIX, No 3,
1960, pp 19-24.

Res Assoc of British Rubber Manu

Sci

Nov 60

132,065

Wearing Away of Rubber by Abrasive Cloth, by
S. B. Ratner, N. V. Melnikova, 19 pp.

RUSSIAN, per, Kauchuk i Resina, Vol XVII, No 8,
1958, pp 18-21.

BLA 59-15620

Sci
Nov 59
Vol 2, No 3

101,545

Mechanical testing of plastics. II. Static testing,
by S. B. Ratner, p. 5

RUSSIAN, per, Plasticheskiy Massy, No 8, 1960, pp.
53 - 58

RAPRA

Sci

Aug 63

340,705

Mechanical testing of plastics. III. Fatigue tests.
By S. B. Ratner and A. V. Stinskas ~~pp.~~ 6 pp.

RUSSIAN, per, Plasticheskiy Masny, No 9, 1960.
pp. 54 - 60.

RAPRA

S01

Aug 63

342,319

Mechanical testing of plastics. V. Heat resistance.
By S. B. Ratner, M. D. Frenkel ~~8~~ 8 pp.

RUSSIAN, per, Plasticheskiy Massy, No 9, 1960,
pp. 69 - 76.

RAPRA

Sci

Aug 63

342,321

178/60

(SF-1051)

The Role of Roughness in Rubber Friction and the
Law of Friction, by S. B. Ratner, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIII, No 1,
1953, pp 47-50.

JPRS 4053

Sci - Chem

Oct 60

128,434

R
Influence of the Ingredients of Rubber on Its
Static Friction in Sliding, by S. B. Ratner,
V. D. Sokol'skiy, 34 pp.

SA 343
RUSSIAN, no per, Khim Prom, No 1, 1955, pp 27-34.

Sci Tr Center RT 3525

Scientific - Chemistry 36,177

Wear-Testing of Rubber on a Metallic Grid, by S. B.
Ratner, G. S. Klitenik, 3 pp

RUSSIAN, per, Zavod Lab, Vol XXV, No 11, 1959, pp
1438-1440

Instru Soc of Amer

Sci
Nov 60

152,904